110 GR16D Floor High Speed Refrigerated Centrifuge



Product Characteristics

- ◆ 3D HD LCD full touch screen plus multi-function knob Home key .
- 15 kinds of accelerate and decelerate control.
- The user can set the password to lock the host or parameters to prevent misoperation.
- One key precooling and instantaneous centrifugation functions are provided.
- Can store 99 groups of program, 99 use records and fault records can be traced.
- Two timing modes are available, starting timing and reaching speed timing.
- High torque variable frequency motor, free of maintenance.
- Ultra quiet refrigeration compressor unit, the temperature can be controlled below 5 $^\circ$ under the upper limit speed.
- With Food grade integrated silicone sealing ring and high quality hydraulic rod.
 Full automatic identification system and electronic self-priming door lock.
- The humanized design is convenient and quick to operate, the parameter setting is directly digital input, and the intelligent status prompt is accurate to one digit.
- Over speed, over temperature, over current, over voltage, and over temperature etc protection functions.
- Unique noise reduction system.





Self-developed HMC system

- > 15 kinds of accelerate and decelerate control.
- » Can store 99 groups of program, 99 use records and fault records can be traced.
- Two timing modes are available, starting timing and reaching speed timing.
- Password lock function, users can set password to lock the host or parameters to prevent misoperation.
- » One key precooling.
- » Humanized design, convenient and fast operation with Electronic manual.



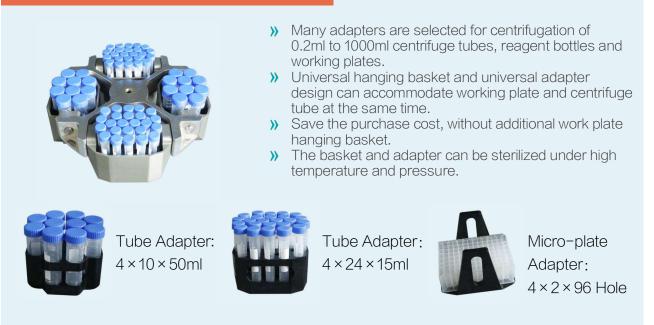
Touch Screen

Model	GR16D				
Max Speed	16000rpm	Voltage	AC 220 ± 22V 50Hz 20A		
Max RCF	27762×g	Power	2300W		
Max Capacity	4×1000ml	Noise Level	65dB(A)		
Timer	1s~99h59min59s	Size	560 × 750 × 820mm		
Revolutions/min	±10r/min	Net Weight	155Kg		
Temp Range	-20℃~40℃	Rotor automatic recognition	Yes		
Temp Accuracy	±1.0°C	/	/		

Rotor Parameters

Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (×g)				
Angle Rotor								
1		48 × 1.5/2.0ml Double row	16000rpm	27762×g				
2	O	30 × 1.5/2.0ml Single row	15500rpm	26859×g				
3		18 × 5ml Single row	15000rpm	22010 × g				
4		8 × 50ml Conical/round bottom	12000rpm	18160 × g				
5		6×100ml	11000rpm	14745×g				
6		12 × 50ml Conical/round bottom	10000rpm	15383 × g				
7	6	6 × 250ml	10000rpm	15093 × g				

4×1000mlSwing-out Rotor



Rotor NO.	Rotor Pictures	Rotor Capacity (ml)	Max Speed (r/min)	Max RCF (×g)
8	Cent -	4×1000ml	4200rpm	3940×g
Adapters	4×2×96 Micro-plate hole basket		4 × 500ml Conical bottom	
	4 × 10 × 50ml Conical/round bottom		4 × 250ml Conical bottom	
	4 × 24 × 15ml Conical/round bottom		8 × 250ml Round bottom	
	4 × 750ml Round bottom		140 × 10ml (Blood collection tube)	
	4 × 500ml Round bottom		196 × 2–7ml (Blood collection tube)	